Little Indian Valley Groundwater Basin

- Groundwater Basin Number: 5-65
- County: Lake
- Surface Area: 1,270 acres (2 square miles)

Basin Boundary and Hydrology

The Little Indian Valley Groundwater Basin consists of Quaternary stream terrace deposits. The basin is bounded to the northeast by the East Park Reservoir and on all other sides by Mesozoic lower Cretaceous marine sedimentary rocks and the Knoxville Formation (Jennings 1960). Faulting may transect the basin. Annual precipitation is approximately 21 inches.

Hydrogeologic Information

Hydrogeologic information was not available for the following:

Water-Bearing Formations

Groundwater Level Trends

Groundwater Storage

Groundwater Budget (Type B)

The estimate of groundwater extraction for the Little Indian Valley Basin is based on a 1993 survey conducted by the California Department of Water Resources. The survey included land use and sources of water. Groundwater extraction for municipal and industrial uses is estimated to be 34 acre-feet. Deep percolation of applied water is estimated to be 25 acre-feet.

Groundwater Quality

Water Quality in Public Supply Wells

Constituent Group[1]	Number of wells sampled[2]	Number of wells with a concentration above an MCL[3]
Inorganics – Primary	1	0
Radiological	0	0
Nitrates	1	0
Pesticides	0	0
VOCs and SVOCs	0	0
Inorganics – Secondary	1	0

[1] A description of each member in the constituent groups and a generalized discussion of the relevance of these groups are included in *California's Groundwater – Bulletin 118* by DWR (2003).
[2] Represents distinct number of wells sampled as required under DHS Title 22 program from 1994 through 2000.
[3] Each well reported with a concentration above an MCL was confirmed with a second detection above an MCL. This information is intended as an indicator of the types of activities that cause contamination in a given basin. It represents the water quality at the sample location. It does not indicate the water quality delivered to the consumer. More detailed drinking water quality information can be obtained from the local water purveyor and its annual Consumer Confidence Report.

Well Characteristics

	Well yields (gal/min)	
Municipal/Irrigation	NKD	
	Total depths (ft)	
Domestic	Range: 32 – 350	Average: 121 (42 Well Completion Reports)
Municipal/Irrigation	Range: 35 – 65	Average: 52 (4 Well Completion Reports)

NKD – No Known Data

Active Monitoring Data

Agency	Parameter	Number of wells /measurement frequency
	Groundwater levels	NKD
	Miscellaneous water quality	NKD
	Title 22 Water Quality	0

NKD – No Known Data

Basin Management

Groundwater management:	Lake County adopted a groundwater management ordinance in 1999.
Water agencies	
Public	None
Private	None

Selected Reference

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Errata

Changes made to the basin description will be noted here.